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TITLE : BIODEGRADABLE MOLDED ITEM

ABSTRACT : **PROBLEM TO BE SOLVED:** To obtain a biodegradable molded item which is practically waterresistant, excellent in processibility, and quickly and completely decomposed by microorganisms by molding a specific nonwoven fabric and thermally bonding partially or totally.

SOLUTION: A nonwoven fabric produced from a fiber mixture comprising cellulosic fibers (e.g. rayon fibers) (A) and fibers formed from polylactic acid and/or a thermoplastic resin mainly comprising polylactic acid, pref. fibers formed from a biodegradable aliph. polyester resin having an m.p. of 120°C or higher, still pref. 130-200°C. (e.g. polylactic acid with terminal COOH groups esterified by lauryl alcohol)(B) in a wt. ratio of (O/100)-(90/10), pref. (20/80)-(80/20), still pref. (30/70)-(70/30), is molded and thermally bonded partially or totally. Pref. both fibers A and fibers B are short fibers.

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